

# Outstanding Oxygen Barrier Transparent BOPP Film (B-TGM)

# OUTSTANDING OXYGEN BARRIER TRANSPARENT BOPP FILM (B-TGM)



Market and Application

Barrier Film

Package Structure



- Dry Fruits
- Nuts
- Crips & Snacks packaging
- Crackers Packaging



## OUTSTANDING OXYGEN BARRIER TRANSPARENT BOPP FILM (B-TGM)

### B-TGM

Transparent high barrier PP Film with Outstanding Oxygen barrier  $< 0.28$  cc/m<sup>2</sup>/day.

Barrier properties in duplex structure WVTR  $< 2.9$  gm/m<sup>2</sup>/day & OTR  $< 0.20$  cc/m<sup>2</sup>/day.

Chlorine Free and water base environmental friendly and non-carcinogenic coating technology.

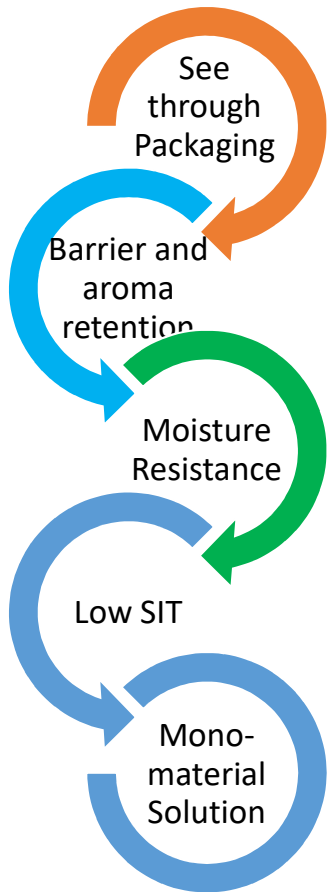
Low SIT (95°C), Excellent broad & high hot tack, optimal hermetic seal designed to substantially improve productivity & operating efficiency at FFS machine.

Compatible with solvent base water base ink system, Specially with PU and Vinyl base ink.

Excellent Clarity and product visibility, Unique opportunity for brands to differentiate on clear film laminate.

Suitable for Dry fruits and Nuts, Crips & snacks packaging and crackers packaging.

Good resistance to mineral oil and water



## OUTSTANDING OXYGEN BARRIER TRANSPARENT BOPP FILM (B-TGM)



### DESCRIPTION

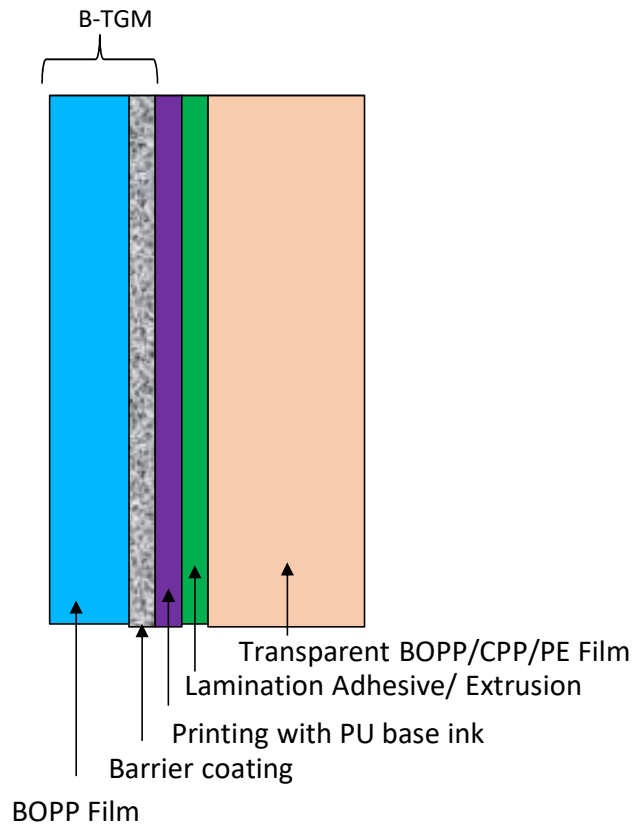
- B-TGM Multi-layered Mono-material BOPP Film with Outstanding Oxygen Barrier Transparent BOPP Film for Pouches and Packaging Application – Oxygen-sensitive foods like dry-fruits & nuts need to be packed in a manner that helps retain their freshness and quality for long.
- The newly developed B-TGM BOPP film by the packaging films business of Uflex is made to address the barrier requirements for oxygen, moisture and atmosphere-sensitive products.
- Excellent Clarity and product visibility, environmental friendly and mono-materials or sustainable solutions are infused into the film through a unique step proprietary process onto a specially formulated coating and base film substrate.
- This multi-layered mono-material BOPP film substrate is specially designed with the use of special polymers to achieve ease of processing for the converters that helps enhance shelf life of the packed products.
- Reduction barrier properties w.r.t. OTR from 1800 to 0.28 cc/m<sup>2</sup> /day and WVTR from 7.0 gm/m<sup>2</sup> /day to < 4.8 gm/m<sup>2</sup> /day in in base film
- Reduction in Heat Seal Initiation Temperature from 105°C to 95°C.
- Green Chemistry or Sustainability or Mono-material Solution With unique aesthetic appeal for brand owners in the marketplace.

# LAMINATE STRUCTURE (B-TGM)

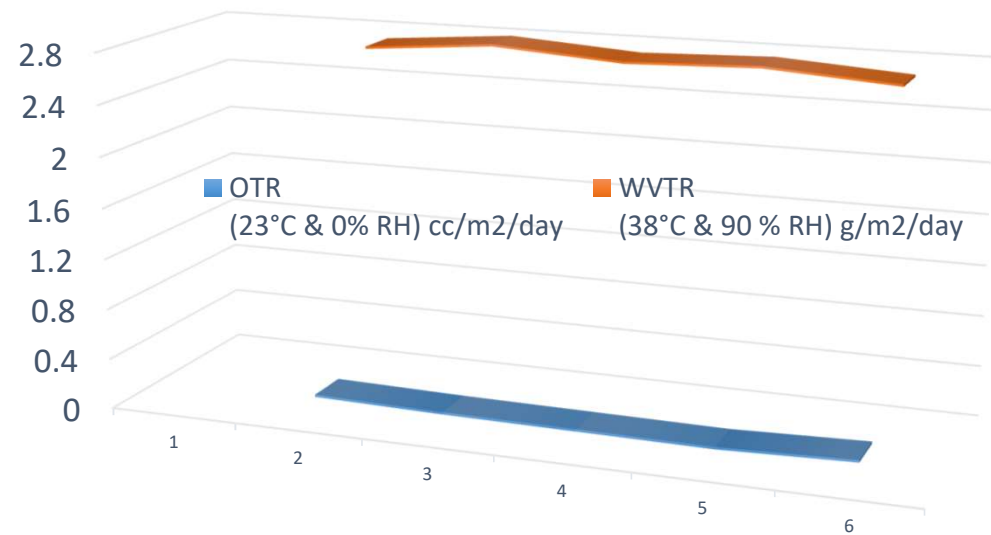
Adhesive Lamination: BOPP film/Ink/adhesive/BOPP or CPP (**Mono-material solution**)

Adhesive Lamination: BOPP film/Ink/adhesive/PE

Co-extrusion: BOPP film/Ink/Extrusion/PE or BOPP



## Barrier in laminate sample



**\*Requires priming for Extrusion Lamination**

# OUTSTANDING OXYGEN BARRIER TRANSPARENT BOPP FILM (B-TGM)



Microsoft Edge  
PDF Document

## Technical Data sheet



**THANK YOU**

